Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a _valid OMB control number

	Соп	nplete if Known
Substitute for form 1449A/PTO	Application Number	09/751,457
	Filing Date	December 29, 2000
INFORMATION DISCLOSURE	First Named Inventor	lyer
STATEMENT BY APPLICANT	Art Unit	2151
	Examiner Name	
(use as many sheets as necessary)		
Sheet 1 of 2	Attorney Docket Number	00262

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
·		Number - Kind Code ² (if known)			rigules Appeal
re		6,163,596	12/19/2000	Gelfer et al.	
7		6,349,205 B1	02/19/2002	Fang et al.	
		6,539,203 B1	03/25/2003	Herrig	
	L				PEAR
					MAY 1 2
_					. 13
					Technolo
	<u> </u>				"Connology Con
					07 0011

	FOREIGN PATENT DOCUMENTS									
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,					
Examiner Initials*	Cite No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶				
						1				
	-	-				 				
						+				
					<u> </u>					

	<u> </u>	*	
Examiner Signature	Mrs Mrs	Date Considered	7-22-04
	7		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington,

PI-1003880 v1 0224285-0057

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

09/751,457

December 29, 2000

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Filing Date

Application Number

			=						
		lyer	First Named Inventor	RE	SL	CLO	ON DIS	RMATI	INFO
		2151	Art Unit	IT	CA	PLI	T BY AF	TEMEN	STA
	···		Examiner Name						
				/)	essa	nece	sheets as	as manv	(use
	_	00262	Attorney Docket Number			of		2	Sheet
					'				
		TS	ITERATURE DOCUMEN	TENT I	ΝP	NOI			
T ²		ate, page(s), volum	, serial, symposium, catalog, etc.), d	ine, journa				Cite No. ¹	Examiner Initials*
							-		-

ur (,								
May						-			
hnoloc.	Jec.								
- 704)	المالية								
							:		
							-		
1 '							i		
	RE(RE(2151 00262 ITS (when appropriate), title of the ate, page(s), volume-issue Dublished REC MAY	Art Unit 2151 Examiner Name Attorney Docket Number 00262 LITERATURE DOCUMENTS APITAL LETTERS), title of the article (when appropriate), title of the al, serial, symposium, catalog, etc.), date, page(s), volume-issue publisher, city and/or country where published T2 MAY	Art Unit 2151 Examiner Name Attorney Docket Number 00262 ATENT LITERATURE DOCUMENTS author (in CAPITAL LETTERS), title of the article (when appropriate), title of the azine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published T2 MAY	Art Unit 2151 Examiner Name PSSary) 2 Attorney Docket Number 00262 N PATENT LITERATURE DOCUMENTS If the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published T2 MAY	Art Unit 2151 Examiner Name necessary) of 2 Attorney Docket Number 00262 NON PATENT LITERATURE DOCUMENTS name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the note (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published T2 MAY	Art Unit 2151 Examiner Name of 2 Attorney Docket Number 00262 NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Parameters as necessary) Art Unit 2151 Examiner Name O0262 NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Art Unit 2151 Examiner Name Art Unit 2151 Examiner Name O0262 NON PATENT LITERATURE DOCUMENTS Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published T² MAY

	 		 _
Examiner		Date	
Signature		Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known **Application Number** Substitute for form 1449A/PTO 09/751,457 Filing Date December 29, 2000 INFORMATION DISCLOSURE First Named Inventor Gopal N. Iyer RECEIVED STATEMENT BY APPLICANT Art Unit 2151 **Examiner Name** AUG 2 2 2003 (use as many sheets as necessary) Attorney Docket Number 00262 Sheet <u> Iechnology Ce</u>nter 2100

		NON PATENT LITERATURE DOCUMENTS	-0,
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
AP		United States Patent Application No. 09/751,287 filed December 29, 2000. (Attorney Docket No. 00260)	
1		United States Patent Application No. 09/751,459 filed December 29, 2000. (Attorney Docket No. 00261)	
		United States Patent Application No. 09/751,458 filed December 29, 2000. (Attorney Docket No. 00263)	
		United States Patent Application No. 09/751,285 filed December 29, 2000. (Attorney Docket No. 00264)	
		United States Patent Application No. 09/751,286 filed December 29, 2000. (Attorney Docket No. 00265)	
		United States Patent Application No. 09/751,456 filed December 29, 2000. (Attorney Docket No. 00349)	
			

Examiner Mill A // Date 7.22 av (
Signature Considered 7-22-04	
Signature Considered 7	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Compl	lete if Known
Substitute for form 1449A/PTO	Application Number	09/751,457
	Filing Date	December 29, 2000
INFORMATION DISCLOSURE	First Named Inventor	Gopal N. lyer
STATEMENT BY APPLICANT	Art Unit	2151
	Examiner Name	
(use as many sheets as necessary)		
Sheet 1 of 2	Attorney Docket Number	00262

		U.S	S. PATENT DOC	CUMENTS	-
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
					-AFIVED
					RECEIVED
					AUG 2 2 2003
				Te	chnology Center 210
					
, . ,					

		FOREIGN F	PATENT DOCU	JMENTS		
		Foreign Patent Document			Pages, Columns, Lines,	T
Examiner Initials*	Cite No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ'
						\perp
						+
						+
						-

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

PI-1045425 v1 0224285-0057

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

			omplete if Known
Substitute for form 1449A/PTO		Application Number	09/751,457
		Filing Date	December 29, 2000
INFORMATION DISCLOSURE		First Named Inventor	Gopal N. Iyer
STATEMENT BY AF	STATEMENT BY APPLICANT		2151
(use as many sheets as necessary)		Examiner Name	
Sheet 1	of 1	Attorney Docket Number	00262

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
A ~O		6,603,966	08-05-2003	Sheffield	Figures Appear		
		1					

FOREIGN PATENT DOCUMENTS							
		Foreign Patent Document		N 60	2 61		
Examiner Initials*	Cite No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6	
						<u> </u>	
						1	

	0	THER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

RECEIVED

MAR 3 1 2004

Technology Center 2100

Examiner Signature	14th Ship	Date Considered	7-27-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MID 2 9 EXE

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Ca	omplete if Known
Substitute for form 1449A/PTO	Application Number	09/751,457
	Filing Date	December 29, 2000
INFORMATION DISCLOSURE	First Named Inventor	Gopal N. Iyer
STATEMENT BY APPLICANT	Art Unit	2153
(use as many sheets as necessary)	Examiner Name	
Sheet 1 of 1	Attorney Docket Number	00262

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

		FOREIGN I	PATENT DOC	UMENTS		
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*	Cite No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
						┼

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²	
MP		"Corsair Communications Stops One Millio mbat \$1.3 Million per Day Fraud Problem," Marc 1995, accessed at http://is.gseis.edu/impact/w95/RN/mar31news/Merc-news-corsair.html	h 27,	EIV	E
				067	nn/I

Technology Center 2100

		~ 1.44	 	
Examiner Signature	State	RK	Date Considered	7-22-04
	- / * * * * * * * * * * * * * * * * * * 		 	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Complete if Known		
Substitute for form 1449A/PTO	Application Number	09/751,45	7
	Filing Date	December 29, 2000	
INFORMATION DISCLOSURE	First Named Inventor	lyer	RECEIVE
STATEMENT BY APPLICANT	Art Unit	2151	
(use as many sheets as necessary)	Examiner Name		JAN 9 6 2004
Sheet 1 of 2	Attorney Docket Number	00262	Technology Center 2

-		U.	S. PATENT DO	CUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Whe Relevant Passages or Releva Figures Appear	
Initials*	No.1	Number - Kind Code ² (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document		
N		5,357,557	10-18-1994	Sakakura		
7		5,713,075	01-27-1998	Threadgill et al.	·	
		5,913,160	06-15-1999	Leung		
		5,920,284	07-06-1999	Victor		
		5,969,669	10-19-1999	Ishikawa et al.		
		6,014,374	01-11-2000	Paneth et al.	1	
		6,085,084	07-04-2000	Christmas		
		6,128,483	10-03-2000	Doiron et al.		
	1	6,185,409	02-06-2001	Threadgill et al.		
		6,233,447 B1	05-15-2001	Tomoike		
		6,272,341	08-07-2001	Threadgill et al.		
		6,332,069 B1	12-18-2001	Zhao et al.		
		6,352,222 B1	03-05-2002	Maeda et al.		
		6,445,916 B1	09-03-2002	Rahman		
		6,453,329 B1	09-17-2002	Dodgen		
		6,456,843 B1	09-24-2002	Daly		
	İ	6,525,657	02-25-2003	Wojcik		
- V		6,636,721	10-21-2003	Threadgill et al.		

FOREIGN PATENT DOCUMENTS							
Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				₹6		
					ļ		
	Cite No.1	Cite No. 1 Country Code 3-Number 4-Kind Code 5	Cite No. 1 Country Code 3-Number 4-Kind Code 5 Publication Date MM-DD-YYYY	Cite No. 1 Country Code 3-Number 4-Kind Code 5 Code 3-Num	Cite No. 1 Country Code 3-Number 4-Kind Code 5 Code 3-		

Examiner Signature	Anto	DIA	Date Considered	7-22-04
<u> </u>	7	- U V		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington,

PI-1070045 v1 0224285-0057

DEC 3 1 2003

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a

valid OMB control number

Complete if Known Substitute for form 1449A/PTO **Application Number** 09/751,457 Filing Date December 29, 200 INFORMATION DISCLOSURE First Named Inventor lyer STATEMENT BY APPLICANT Art Unit 2151 Examiner Name (use as many sheets as necessary) Technology Center 2100 Attorney Docket Number Sheet 00262

		clude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
	-		<u> </u>

	the state of the s		
Examiner		Date	
Signature		Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.